

What is claimed is:

1. A plasma display panel, comprising:
a display panel for displaying a picture; and
5 a porous pad provided at the display panel.
2. The plasma display panel as claimed in claim 1,
wherein the porous pad is made of a material that absorbs
noise/vibration and conducts heat.
- 10 3. The plasma display panel as claimed in claim 1,
further comprising:
a printed circuit board mounted with a plurality of
integrated circuits for applying driving signals to the
15 display panel; and
a heatproof panel arranged between the porous pad and
the printed circuit board.
- 20 4. The plasma display panel as claimed in claim 1,
further comprising:
a double-faced tape having a heat-conducting function
and provided between the display panel and the porous pad.
- 25 5. The plasma display panel as claimed in claim 3,
further comprising:
a filter glass provided at the front side of the
display panel to control transmittivity of light emitted
from the display panel; and
a back cover for covering the printed circuit board.
- 30 6. The plasma display panel as claimed in claim 5,
further comprising:
a second porous pad provided between the printed

circuit board and the back cover.

7. The plasma display panel as claimed in claim 1,
wherein the porous pad is formed from a mixture of a
5 silicon material and a foam agent.

8. The plasma display panel as claimed in claim 7,
wherein the foam agent contains an urethane foam.

10 9. The plasma display panel as claimed in claim 7,
further comprising:

an adhesive coated onto the porous pad.

10. The plasma display panel as claimed in claim 9,
15 wherein the adhesive is made from an acrylic material.

11. The plasma display panel as claimed in claim 9,
wherein the porous pad is formed from a mixture containing
approximately 89% silicon, approximately 10% foam agent
20 and approximately 1% adhesive.

12. The plasma display panel as claimed in claim 6,
wherein the second porous pad is made of a material that
absorbs noise/vibration.

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13. A plasma display panel comprising:

a display panel for displaying a picture;

a frame adjacent a rear surface of said display
panel;

30 a printed circuit board adjacent a rear surface of
said frame and connected thereto by fastening elements;
and

a porous pad positioned between said display panel

and said frame, said porous pad absorbing noise/vibration generated upon driving of said display panel to minimize noise/vibration transferred to said frame.

5 14. The plasma display panel as set forth in claim 13, wherein said porous pad is made of a heat-conducting material that, in addition to absorbing noise/vibration, also enables said pad to transfer heat from said display panel to said frame.

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15. The plasma display panel as set forth in claim 14, wherein said porous pad is made of a mixture of silicon and urethane.

15 16. The plasma display panel as set forth in claim 15, wherein said porous pad has an outer adhesive layer and is adhered to said display panel and to said frame by said layer.

20 17. The plasma display panel as set forth in claim 16, wherein said porous pad is made of approximately 89% silicon, 10% foam agent, and 1% adhesive.

18. The plasma display panel as set forth in claim 17,
25 further comprising an outer casing surrounding said plasma display panel, said outer casing having a back cover and a front cover, said back cover including a second porous pad adhered to an inner surface thereof adjacent said printed circuit board, said second porous pad absorbing
30 noise/vibration generated as a result of said printed circuit board applying driving signals to said display panel.

19. The plasma display panel as set forth in claim 13, further comprising an outer casing surrounding said plasma display panel, said outer casing having a back cover and a front cover, said back cover including a second porous pad
5 adhered to an inner surface thereof adjacent said printed circuit board, said second porous pad absorbing noise/vibration generated as a result of said printed circuit board applying driving signals to said display panel.

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20. The plasma display panel as set forth in claim 19, wherein said porous pad is made of a mixture of silicon and urethane that, in addition to absorbing noise/vibration, also enables said pad to transfer heat
15 from said display panel to said frame.

21. The plasma display panel as set forth in claim 20, wherein said porous pad has an outer layer of acrylic adhesive by which said pad is adhered to said display
20 panel and to said frame, said porous pad being approximately 89% silicon, 10% foam agent, and 1% adhesive.